



interpenetrating polymer network (IPN)

A ***polymer*** comprising two or more *networks* which are at least partially interlaced on a molecular scale but not covalently bonded to each other and cannot be separated unless chemical bonds are broken.

A mixture of two or more preformed **polymer** networks is not an IPN.

1996, 68, 2305

IUPAC Compendium of Chemical Terminology 2nd Edition (1997)

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